AMENDMENTS TO CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A recording method for printing with an ink-jet printer onto a surface of a nonabsorbent printing material that does not absorb ink droplets, said method comprising:

assuring that said nonabsorbent printing material has a porous receiving layer;

applying a heating treatment to said printing material during a printing operation onto said porous receiving layer;

wherein said porous receiving layer is made to have a plurality of holes, each of said holes having a diameter in the range of 10 angstroms to 250 angstroms;

wherein said printing operation is performed with a dye-based ink having a plurality of particles; and

wherein the particles of said dye-based ink have a size in the range of 8 angstroms to 50 angstroms and are subjected to ion separation.

2. (Cancel) .

3. (Cancel)

4. (Original) The recording method of Claim 1, wherein said printing operation is performed with a pigment-based ink having a plurality of particles.

5. (Original) The recording method of Claim 4, wherein the particle of said pigment-based ink have a size greater than 300 angstroms and are not subjected to ion separation.